

IN THE SPECIFICATION TEXT:

At page 1, between lines 3 and 4, please insert this new paragraph:

a Patent 4,700,076 of Minich is wholly incorporated by
b reference into this document.

At page 186 (the abstract page), please amend the paragraph as indicated below, using the same notational conventions already described.

a Laser lines at 635 nm or longer (ideally 647 nm) are
b preferred for red, giving energy-efficient, bright, rapid-
c motion images with rich, full film-comparable colors. Green
d and blue lines are used too — and cyan retained for best
e color mixing, an extra light-power boost, and aid in speckle
f suppression. [Speckle is suppressed through beam-path dis-
g placement — by deflecting the beam during projection,
h thereby avoiding both absorption and diffusion of the beam
i while preserving p] Pseudocollimation (noncrossing rays)
j [. The latter in turn] is important to infinite sharpness.
k [Path displacement is achieved by scanning the beam on the
l liquid-crystal valves (LCLVs), which also provides several
m enhancements — in energy efficiency, brightness, contrast,
n beam uniformity (by suppressing both laser-mode ripple and
o artifacts), and convenient beam-turning to transfer the beam
p between apparatus tiers. Preferably deflection is performed
q by a mirror mounted on a galvanometer or motor for rotary
r oscillation; images are written incrementally on successive
s portions of the LCLV control stage (either optical or elec-

a tronic) while the laser "reading beam" is synchronized on
b the output stage. The beam is shaped, with very little
c energy loss to masking, into a shallow cross-section which
d is shifted on the viewing screen as well as the LCLVs.
e Beam-splitter/analyzer cubes are preferred over polarizing
f sheets.] Spatial modulation provided by an LCLV and main-
g tained by pseudocollimation enables imaging on irregular
h projection media with portions at distinctly differing
i distances from the projector — including domes, sculptures,
j monuments, buildings; waterfalls, sprays, fog, clouds, ice;
k scrims and other stage structures; trees and other foliage;
l land and rock surfaces; and even assemblages of living
m creatures including people.

The required clean copy of the foregoing marked paragraph follows here:

1 Laser lines at 635 nm or longer (ideally 647 nm) are
2 preferred for red, giving energy-efficient, bright, rapid-
3 motion images with rich, full film-comparable colors. Green
4 and blue lines are used too — and cyan retained for best
5 color mixing, an extra light-power boost, and aid in speckle
6 suppression. Pseudocollimation (noncrossing rays) is impor-
7 tant to infinite sharpness. Spatial modulation provided by
8 an LCLV and maintained by pseudocollimation enables imaging
9 on irregular projection media with portions at distinctly
10 differing distances from the projector — including domes,
11 sculptures, monuments, buildings; waterfalls, sprays, fog,
12 clouds, ice; scrims and other stage structures; trees and
13 other foliage; land and rock surfaces; and even assemblages
14 of living creatures including people.

At page 82, between lines 15 and 16, please insert these two new paragraphs:

1 Thus the preferred embodiment illustrated provides a
2 separate reflective liquid-crystal light-valve modulator for
3 each color channel, respectively — and this is particularly
4 favorable for achievement of maximum image brightness. As
5 Hughes projector parts were directly adapted for my proto-
6 type, however, it will be apparent to those skilled in the
7 art that the principles of the present invention are equally
8 applicable to the layout of the original Hughes projector,
9 i. e. passing all three colors through a single, common
10 modulator.

11 Such layouts are illustrated as well by Minich '076
12 (see his Figs. 2 through 4), discussed at length earlier and
13 wholly incorporated by reference herein. Thus certain of
14 the appended claims are directed to such plural-color, com-
15 mon-modulator layouts.

REMARKS

Applicant wishes to thank Examiner Dowling for having kindly taken the time to telephone about the proposed restriction. The telephonic restriction reported in the Action is hereby duly affirmed, and the claims restricted-out are now canceled. In addi-